What is claimed is:

1. A distributed data storage system for a netcentric computing system, comprising:

5   a plurality of database servers;

a plurality of data stores each in communication with one of the database servers, wherein the database servers are operable to access the data stores;

a client communicating with the database servers, wherein each of the data stores includes a predetermined portion of the data used within the netcentric computing

10   system; and

a webserver in communication with the client to act as the primary interface between and the client and the database servers.

2. The distributed data storage system of claim 1, wherein the client communicates

15   with the database servers using a web browser application.

3. The distributed data storage system of claim 1, wherein the data is horizontally segmented to form the predetermined portion of the data included in each of the data stores.

20   4. The distributed data storage system of claim 1, wherein the data is vertically segmented to form the predetermined portion of the data included in each of the data stores.

5. The distributed data storage system of claim 1, wherein the data is segmented horizontally and vertically to form the predetermined portion of the data included in each of the

25   data stores.

6. The distributed data storage system of claim 1, wherein the predetermined portion of the data representing all of the data in the netcentric computing system resides on at least one central data store.

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7.   The distributed data storage system of claim 6, wherein a predetermined portion of the data is replicated to form the predetermined portion of the data residing on at least one local data store.

8.   The distributed data storage system of claim 6, wherein the predetermined portion of the data residing on the at least one central data store is segmented.

9.   The distributed data storage system of claim 7, wherein the predetermined portion of the data residing on the at least one local data store is segmented.

10.   A segmented data distribution system for data accessed by clients in a netcentric computing system, comprising:

a plurality of database servers;

a plurality of data stores in communication with the database servers;

a database located within each of the data stores, wherein each of the databases are representative of a segment of the data in the netcentric computing system;

a network for communication with the database servers; and

a webserver for communication within the network to provide access by the clients to the data.

11.   The segmented data distribution system of claim 10, wherein the data is horizontally segmented to form the segment of the data included in each of the data stores.

12.   The segmented data distribution system of claim 10, wherein the data is vertically segmented to form the segment of the data included in each of the data stores.

13.   The segmented data distribution system of claim 10, wherein the data is horizontally and vertically segmented to form the segment of the data included in each of the data stores.

14. A replicated data distribution system for data accessed by clients in a netcentric computing system, comprising:

a central database server located at a central site;

a central data store in communication with the central database server;

a local database server located at a local site in communication with the central database server; and

a local data store in communication with the local database server wherein the local data store is populated with replica data of the data within the central data store.

a network for communication with the local database server and the central database server; and

a webserver for communication within the network to provide the primary interface for the clients to access the data within the netcentric computing system.

15. The replicated data distribution system of claim 14, wherein the communication between the central data base server and the local database server is via the network.

16. The replicated data distribution system of claim 14, wherein the replication is by unidirectional updates.

17. The replicated data distribution system of claim 14, wherein the replication is by bi-directional updates.

18. A method of distributing data for use by clients in a netcentric computing system, comprising:

identifying the data needs of a plurality of data entity groups within the netcentric computing system;

identifying predetermined portions of the data to be used by the data entity groups;

distributing the predetermined portions of the data to a plurality of data stores;

communicating with the data stores with a plurality of database servers; and

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interfacing the database servers with the data entity groups using a webserver.

19.   The method of claim 18, further comprising the act of segmenting the data horizontally to create the predetermined portions of the data.

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20.   The method of claim 18, further comprising the act of segmenting the data vertically to create the predetermined portions of the data.

21.   The method of claim 18, further comprising the act of segmenting the data
10   horizontally and vertically to create the predetermined portions of the data.

22.   The method of claim 18, further comprising the act of replicating the data to create the predetermined portions of the data.

15   23.   A method of distributing data for access by clients in a netcentric computing system, comprising:
        determining a plurality of segmentation parameters;
        performing segmentation of the data based on the segmentation parameters;
        storing the segmented data in a plurality of data stores;
20   communicating with the data stores with a plurality of database servers;
        interfacing the database servers with a plurality of clients using a webserver; and
        selectively accessing the database servers depending on data requests initiated by the
clients.

25   24.   The method of claim 23 wherein the segmentation performed is horizontal segmentation.

25.   The method of claim 24 wherein the segmentation parameters comprise a plurality of segmentation keys and the origin of the majority of the data requests.
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26. The method of claim 23 wherein the segmentation performed is vertical segmentation.

27. The method of claim 26 wherein the segmentation parameters comprise determination of a plurality of related subject matter areas.

28. A method of distributing data for access by clients in a netcentric computing system, comprising:

storing data in a central database;

replicating a predetermined portion of the data to create replica data;

transferring the replica data to a corresponding local database using a network; and

updating the data in the central database and the local database; and

accessing the data and the replica data using the network and a webserver.

29. The method of claim 28 further comprising the act of updating the data unidirectionally such that the local database is read only and updates to the replica data are performed in the central database.

30. The method of claim 29 further comprising the act of requesting an update to the replica data within the local database from the central database.

31. The method of claim 29 further comprising the act of creating a snapshot of the data within the central database that corresponds to the replica data when the replica data is transferred.

32. The method of claim 31 further comprising the act of subsequently updating the local database with replica data that is replicated from the central database following an update of the data in the central database that corresponds to the snapshot.

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33.   The method of claim 31 further comprising the act of subsequently updating the local database only with changes to the replica data based on the snapshot.

34.   The method of claim 29 further comprising the act of publishing the replica data
5   when a pre-determined threshold is reached.

35.   The method of claim 34 further comprising the acts of monitoring the publications of replica data with a local database server, and updating the corresponding local database with replica data when the replica data that was published is an update to the replica
10   data in the local database.

36.   The method of claim 28 further comprising the act of updating the central database and the local database using bi-directional replication.

15   37.   The method of claim 28 further comprising the act of updating the central database and the local database using selective replication.

38.   The method of claim 28 further comprising the act of updating the central database with a remote log-on approach.

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39.   The method of claim 28 further comprising the act of updating the central database with a remote batch approach.

40.   The method of claim 28 further comprising the act of updating the central
25   database with a local checkout approach.

41.   The method of claim 28 further comprising the act of updating the central database and the local database using a local update strategy.

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